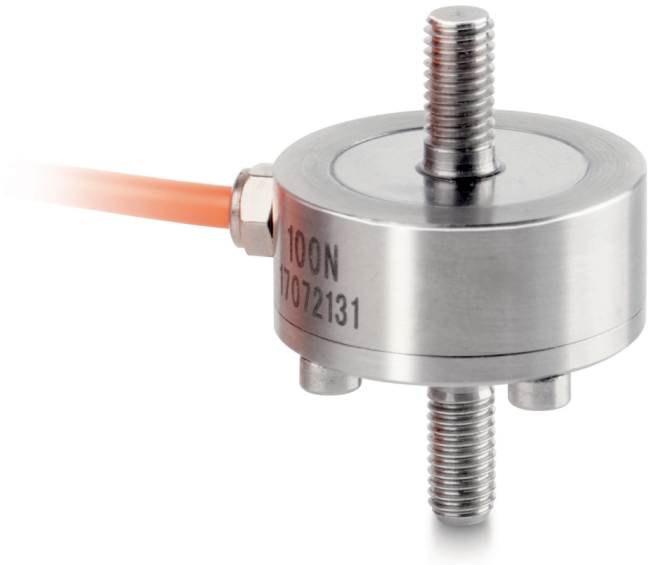
SAUTER

PRODUCT BROCHURE

SAUTER CO 1000-Y2

Date: 10.03.2026

ENGLISH



Miniature cylindrical load cell made from stainless steel

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com

Scan here for more information

PRODUCT SHOWCASE



ENGLISH

DESCRIPTION

- High precision (comprehensive error 0,5% F.S.)
- RoHS compliant
- Area of application: Tensile and compressive applications, mass and force measurement
- Suitable for weight measurement as well as force and force test stands

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CO 1000-Y2
Model-Serie	CO Y2
Assortment	Sauter
Product Type	Measuring cells
Product group	Knob shaped load cells
Product usage type	Main item;Accessories/Services
EAN code (Model)	4045761232976
Customs tariff number	90249000
CE Label	yes
Country of Origin	CN

Technical data - Primary

Force directions	compression;tension
OIML class	G5
Weighing capacity	1000 kg
Max (N)	10 kN

Technical data - Construction

IP Protection	IP65
Material	stainless steel
cable length	2 m

Mounting force in	External thread M12
Mounting force out	External thread M12

Technical data - Power supply

Excitation Voltage min.	9 V
Excitation Voltage max.	12 V

Technical data - Measuring system

Full scale output	1,5 mV/V
combined error	0,5%
load cell connection	4-guide
measuring applications	force;mass

Technical data - Environmental conditions

Usage Temperature (min)	0 °C
Usage temperature (max)	40 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	120×90×85 mm
Gross weight	0.55 kg
Net weight	0.50 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	33 g
Packaging component - by weight - plastics	5 g
Delivery time	1 d

FUNCTIONS

Standard



Option



ENGLISH

ACCESSORIES

Model	Description
AFM 13	Sleeve SAUTER AFM 13
AFM 15	Sleeve SAUTER AFM 15
FS 405	Plug SAUTER FS 405
FS TKZ	Transport case SAUTER FS TKZ
CE WT1-Y1	Analogue Weighing Transmitter SAUTER CE WT1-Y1
CE WT3-Y1	Analogue Weighing Transmitter SAUTER CE WT3-Y1
CE WT1-Y2	Analogue Weighing Transmitter SAUTER CE WT1-Y2

SERVICES

Model	Description
965-413	Assembly of components (> 350 kg - 1500 kg) 965-413
961-164	Factory calibration KERN 961-164
961-264	Factory calibration KERN 961-264
961-364	Factory calibration KERN 961-364
961-164V	Factory calibration KERN 961-164V
961-264V	Factory calibration KERN 961-264V
961-364V	Factory calibration KERN 961-364V